

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DE 03/03385

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04B10/158 H04B10/148

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 44074 A (ILCHENKO VLADIMIR ;MALEKI LUTE (US); YAO X STEVE (US); CALIFORNIA) 27 July 2000 (2000-07-27)	1-4,6,7
Y	page 6, line 17 -page 7, line 4 page 10, line 8 -page 11, line 10 page 20, line 20 -page 21, line 12 page 22, line 7 - line 21 page 24, line 1 - line 21	5
Y	US 5 742 418 A (OUCHI TOSHIHIKO ET AL) 21 April 1998 (1998-04-21) abstract column 12, line 40 -column 13, line 6 column 13, line 27 - line 60 figures 13,14A	5
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the International filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

9 March 2004

Date of mailing of the international search report

23/03/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 027 435 A (IANNONE PATRICK P ET AL) 25 June 1991 (1991-06-25) column 2, line 39 - line 43 column 3, line 10 - line 27 column 4, line 29 - line 34 -----	1-3

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0044074	A	27-07-2000	AU 3855300 A CA 2361527 A1 CN 1338135 T EP 1155479 A1 JP 2002535853 T WO 0044074 A1 US 2003160148 A1 US 6567436 B1	07-08-2000 27-07-2000 27-02-2002 21-11-2001 22-10-2002 27-07-2000 28-08-2003 20-05-2003
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